Verify-sum instead of sum...

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- [redacted] arguments to verify-sum encode the information we want
- set up:
  - know (fixed) past
  - don't know updates in left subtree
  - don't know queries in right subtree
  - but we know queries returned YES.
- encoding:
  - $R \cap W$ ~ addresses & contents
  - something more
- decoding:
  - simulate all possible (inputs to) query algorithms (perm.) for each query in right subtree
  - know that one returns YES & all others return NO
- trouble: incorrect query simulations read cells R' & $R' \cap W$ might not equal $R \cap W$
  - if R' probes cell in $W \setminus R$, we know it's the wrong query (i.e. answer)
  - but how do we know if a cell is in $W \setminus R$?
  - can't afford to encode W's addresses